



Impact bulletin for extreme precipitation and floods in the Volta basin

#2026-028

Estimated number of people potentially affected by extreme precipitation and river floods

Valid from 07/08/2026 to 11/08/2026

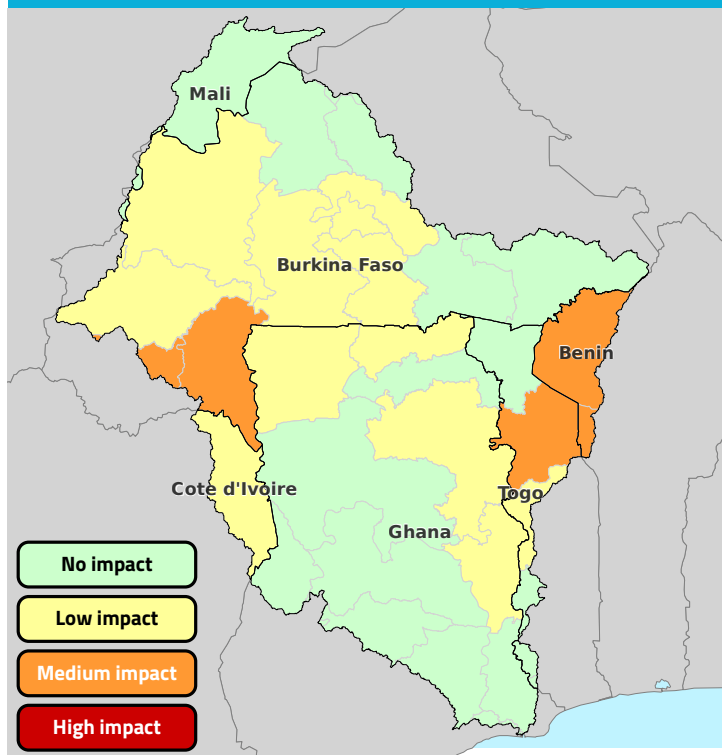
Impact from Extreme precipitation



Impact from River Floods



Combined assessment of precipitation and floods



VBA outlook

Impact-based forecasts are derived from automated analysis.



Detailed outlook on extreme precipitation for the next 5 days

#2026-028

Valid from 07/08/2026 to 11/08/2026

Impact from Extreme precipitation

Medium impact

Burkina Faso (Cascades, Sud-Ouest), Togo (Kara), Benin (Alibori, Atacora, Donga)

Low impact

Burkina Faso (Boucle du Mouhoun, Centre, Centre-Ouest, Centre-Sud, Hauts-Bassins, Plateau Central), Togo (Centrale), Cote d'Ivoire (Zanzan), Ghana (Northern, Oti, Upper East, Upper West)



Agence Nationale de la Météorologie (METEO-BENIN)

Over the next five days, light to moderately heavy rains are expected in the Beninese portion of the Volta Basin. Cumulative rainfall could exceed 50mm and would have an average impact on the population.



Agence Nationale de la Météorologie (ANAM)

Impact-based forecast are derived from automated analysis.



Société d'Exploitation et de Développement Aéroportuaire, Aéronautique et Météorologique (SODEXAM)

Impact-based forecast are derived from automated analysis.



Ghana Meteorological Agency (GMET)

Over the next five days, moderate rainfall is expected across most northern parts of the Ghana section of the Volta basin particularly in regions such as Upper West (Lawra), Upper East (Bolgatanga, Navrongo), Northern (Zabzugu, Bimbila) and Oti (Kpasa) with rainfall accumulation projected to range between 20 – 80mm associated with low impact. The remaining areas in the basin are expected to record low rainfall (below 20mm) associated with no impact.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

Moderate to heavy rains are expected over the next five days in the Togolese portion of the Volta Basin. Daily rainfall totals may exceed 50 mm in the city of Kara and its surroundings during the day from 8 to 9 August. Medium and low impacts on the population will be observed respectively in the Kara region and in the Plateaux region.



Detailed outlook on river floods for the next 5 days

#2026-028

Valid from 07/08/2026 to 11/08/2026

Impact from River Floods

None



Direction Générale de l'Eau (DG Eau)

Impact-based forecast are derived from automated analysis.



Direction Générale des Ressources en Eau (DGRE)

Hydrological forecasts from Continuum (FloodProofs) and GLOFAS models for the next five days in the Volta basin in Burkina Faso highlight a slight increase in river flows. **Simulated hydrograms indicate overall low flows in the regions of Guiriko, Sourou, Sourou, Bankui, Kadigo, Nando, Oubri, and Nazinon, where the expected impacts will be low.** On the other hand, the Tannounyan and Djôrô regions are expected to have a medium impact. This situation could cause some waterways to overflow and cause flooding, disrupting critical infrastructure, including roads and bridges



Direction de l'Hydrologie (DH)

Impact-based forecast are derived from automated analysis.



Ghana Hydrological Authority (HYDRO)

The Volta Basin is expected to experience generally, rising river flows over the next five (5) days. On the White Volta, rising flows at Yarugu and Pwalugu, coupled with the anticipated Bagre Dam spillage, are expected to cause inundation in Yarugu, Sapeliga, Bazua, Pwalugu and surrounding flood-prone communities. Residents are advised to remain vigilant and take the necessary precautionary measures. On the Black Volta, Lawra, Nombiel, and Bamboi are also expected to record rising river flows. Residents should also take precaution around these areas and surrounding communities.



Direction Nationale de l'Hydraulique (DNH)

Impact-based forecast are derived from automated analysis.



Direction des Ressources en Eau (DRE)

In the next five days, river water levels will increase (FANFAR/PHARES), and taking into account the rains that are forecast, there will be a situation with low impacts in the central-western part, average in the Kara Region. The rest of the regions of the Togolese portion of the Volta basin will have no impact. Vigilance is required in the western part of the Central Region and Kara



Methodological note on impact evaluation

Regions are color-coded into four impact classes based on increasing rates of population affected, from level 1 (no impact, green) to level 4 (high impact, red).

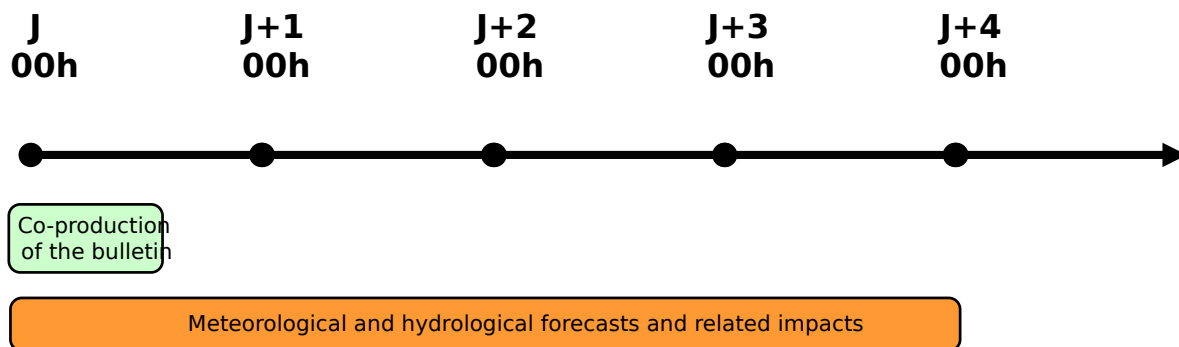
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

The multi-hazard assessment map shows the highest level of impact between the hazards considered according to the hydro-meteorological conditions forecast for the next 5 days.

Impact Level	Value Impact
Green: No Impact	0 people
Yellow: Low Impact	< 0.5% admin unit pop
Orange: Medium Impact	< 5% admin unit pop or > 10k people
Red: High Impact	> 5% admin unit pop or > 50k people

Procedure and acknowledgments

The bulletin is issued twice a week, Tuesday and Friday, at 1:30 p.m. GMT thanks to the co-production work between the meteorological and hydrological agencies of the 6 riparian countries and the Volta Basin Authority (VBA). It provides a level 1 administrative unit scale overview of the population impact forecast for the next 5 days related to forecasted heavy rain and riverine flooding conditions.



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This bulletin for the Volta basin is produced by the VBA with the technical and scientific assistance of the agencies in charge of meteorology and hydrology of the 6 riparian countries (Benin: DG-Eau, Météo Bénin; Burkina Faso: DGRE, ANAM; Cote d'Ivoire: DH, SODEXAM; Ghana: GHA, GMet; Mali: DNH, Mali Météo; Togo: DRE, DGMN), WMO, GWP-WA, CIMA Foundation with the support of the Adaptation Fund.

